

9. (Amended) Medical analysis equipment having an interferometer sensor assembly comprising:

- an interferometer sensor according to claim 7;
an interrogation source to provide an interrogation signal to the sensor; and
a detector to detect signals received from the sensor.

Remarks

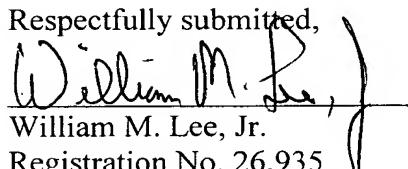
The above amendments are being made in order to eliminate multiple dependency and improper multiple dependency before calculation of the national filing fee for the United States. Should any multiple dependency remain, that is unintended and the Patent and Trademark Office is requested to cancel any remaining multiple dependent claims without prejudice before calculating of the filing fee.

Appended hereto is a copy of abstract, set forth on a separate page.

The International Preliminary Examination Report reaches the conclusion that the claims meet the requirements novelty and inventive step (nonobviousness). It is submitted that the same results should occur in the United States.

Examination of the application on its merits is awaited.

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Respectfully submitted,

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Version With Markings to Show Changes Made**CLAIMS**

5. (Amended) A method according to [any one of claims 2 to 4] claim 2, in which the deposition chamber has an internal pressure of less than 20Pa.
6. (Amended) A method according to [any preceding] claim 1, in which the substrate is the cleaved end of an optical fibre.
8. (Amended) A sensor to claim 7, in which the parylene film is formed by a method according [to any of claims 1 to 6] of forming an interferometer film for an interferometer sensor comprising the step of forming a polymer layer of substantially uniform thickness directly on an interferometer substrate, the layer forming the interferometer film, wherein the polymer layer is deposited by polymerisation of a gas of monomer particles including a para-xylylene.
9. (Amended) Medical analysis equipment having an interferometer sensor assembly comprising:
an interferometer sensor according to claim 7 [or 8];
an interrogation source to provide an interrogation signal to the sensor; and
a detector to detect signals received from the sensor.